

## Exhibit D

**BEST AVAILABLE COPY**

78. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG
TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC
CAC	CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGC
CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC
AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC	CAG
ATT	GAG	AAT										

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC
ACA												

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

											GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
												TCG

ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAI
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAG
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	CCC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAI	TGG	AGT	GAA	AAC	CTT
FTC	CAG	TGC	ITC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TSC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAI									

, or a C- and/or N- terminally shortened sequence thereof; and

D) DNA comprising the sequence:

											GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT
TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG
TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC
CAC	CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC
CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG
CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC
AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC	CAG
ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC	ACA

, or a C- and/or N- terminally shortened sequence thereof.

80. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

ATG	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAI
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAG
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC

TGC	AGG	AAG	AAI	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAI	CTT
TTG	CAG	TGC	TTC	AAI	TGC	AGC	CTC	TGC	CTC	AAI	GGG	ACC	GTC
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAI									

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

ATG	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAI
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAC	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAI	TGC	AGC	CTC	TGC	CTC	AAI	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAI	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC
ACA													

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

											ATG	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAI
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAC	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAI	TGC	AGC	CTC	TGC	CTC	AAI	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAI									

, or a C- and/or N- terminally shortened sequence thereof;

D) DNA comprising the sequence:

											ATG	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCC
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC
ACA													

, or a C- and/or N- terminally shortened sequence thereof;

E) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCC
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT									

, or a C- and/or N- terminally shortened sequence thereof;

F) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCC
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC

TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	CTC
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTC
TTG	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACC	AAG	TTG	TCC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC
ACA													

, or a C- and/or N- terminally shortened sequence thereof;

G) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGG	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA
AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC
TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAG
CTC	AGA	CAC	TCC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG
GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGC	AGT
GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT
GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG
TGC	ACC	TGC	CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT
GTC	TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG
TTG	TGC	CTA	CCC	CAG	ATT	GAG	AAT						

, or a C- and/or N- terminally shortened sequence thereof;

H) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGG	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA
AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC
TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC
AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAG
CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG
GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGC	AGT
GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT
GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG
TGC	ACC	TGC	CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT
GTC	TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG

TTG	TGC	CTA	CCC	CAG	ATT	GAC	AAT	GTT	AAG	GGC	ACT	GAG	GAC
TCA	GGC	ACC	ACA										

, or a C- and/or N- terminally shortened sequence thereof; and

I) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA	CTG	GTG
CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC	TCA	GGG	GTT	ATT
GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	CAT	AGT
GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG
ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT
GAC	TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT
GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC
TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT	GGC
TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT
TTT	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG
CAC	CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC
CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT
AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC	ACC
ACA	GTG	CTG	TTG	CCC	CTG	GTC	ATT	TTC	TTT	GGT	CTT	TGC	CTT
TTA	TCC	CTC	CTC	TTC	ATT	GGT	TTA	ATG	TAT	CGC	TAC	CAA	CGG
TGG	AAG	TCC	AAG	CTC	TAC	TCC	ATT	GTT	TGT	GGG	AAA	TCG	ACA
CCT	GAA	AAA	GAG	GGG	GAG	CTT	GAA	GGA	ACT	ACT	ACT	AAG	CCC
CTG	GCC	CCA	AAC	CCA	AGC	TTC	AGT	CCC	ACT	CCA	GGC	TTC	ACC
CCC	ACC	CTG	GGC	TTC	AGT	CCC	GTG	CCC	AGT	TCC	ACC	TTC	ACC
TCC	AGC	TCC	ACC	TAT	ACC	CCC	GGT	GAC	TGT	CCC	AAC	TTT	GCG
GCT	CCC	CGC	AGA	GAG	GTG	GCA	CCA	CCC	TAT	CAG	GGG	GCT	GAC
CCC	ATC	CTT	GCG	ACA	GCC	CTC	GCC	TCC	GAC	CCC	ATC	CCC	AAC
CCC	CTT	CAG	AAG	TGG	GAG	GAC	AGC	GCC	CAC	AAG	CCA	CAG	AGC
CTA	GAC	ACT	GAT	GAC	CCC	GCG	ACG	CTG	TAC	GCC	GTG	GTG	GAG
AAC	GTG	CCC	CCG	TTG	CGC	TGG	AAG	GAA	TTC	GTG	CGG	CGC	CTA
GGG	CTG	AGC	GAC	CAC	GAG	ATC	GAT	CGG	CTG	GAG	CTG	CAG	AAC
GGG	CGC	TGC	CTG	CGC	GAG	GCG	CAA	TAC	AGC	ATG	CTG	GCG	ACC
TGG	AGG	CGG	CGC	ACG	CCG	CGG	CGC	GAG	GCC	ACG	CTG	GAG	CTG
CTG	GGA	CGC	GTG	CTC	CGC	GAC	ATG	GAC	CTG	CTG	GGC	TGC	CTG
GAG	GAC	ATC	GAG	GAG	GCG	CTT	TGC	GGC	CCC	GCC	GCC	CTC	CCG
CCC	GCG	CCC	AGT	CTT	CTC	AGA							

, or a C- and/or N- terminally shortened sequence thereof.

101. (Amended) A polypeptide according to claim 97, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

102. (Amended) A polypeptide according to claim 96, wherein said polypeptide is not associated with human urinary proteins.

103. (Amended) A recombinant polypeptide which has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of :

A) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn						

or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									



, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof;

D) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn

asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

F) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

G) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn

gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn						

, or a C- and/or N- terminally shortened sequence thereof;

H) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof;

I) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys	leu
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg

trp	lys	ser	lys	leu	tyr	ser	ile	val	cys	gly	lys	ser	thr
pro	glu	lys	glu	gly	glu	leu	glu	gly	thr	thr	thr	lys	pro
leu	ala	pro	asn	pro	ser	phe	ser	pro	thr	pro	gly	phe	thr
pro	thr	leu	gly	phe	ser	pro	val	pro	ser	ser	thr	phe	thr
ser	ser	ser	thr	tyr	thr	pro	gly	asp	cys	pro	asn	phe	ala
ala	pro	arg	arg	glu	val	ala	pro	pro	tyr	gln	gly	ala	asp
pro	ile	leu	ala	thr	ala	leu	ala	ser	asp	pro	ile	pro	asn
pro	leu	gln	lys	trp	glu	asp	ser	ala	his	lys	pro	gln	ser
leu	asp	thr	asp	asp	pro	ala	thr	leu	tyr	ala	val	val	glu
asn	val	pro	pro	leu	arg	trp	lys	glu	phe	val	arg	arg	leu
gly	leu	ser	asp	his	glu	ile	asp	arg	leu	glu	leu	gln	asn
gly	arg	cys	leu	arg	glu	ala	gln	tyr	ser	met	leu	ala	thr
trp	arg	arg	arg	thr	pro	arg	arg	glu	ala	thr	leu	glu	leu
leu	gly	arg	val	leu	arg	asp	met	asp	leu	leu	gly	cys	leu
glu	asp	ile	glu	glu	ala	leu	cys	gly	pro	ala	ala	leu	pro
pro	ala	pro	ser	leu	leu	arg							

, or a C- and/or N- terminally shortened sequence thereof;

J) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one conservative amino acid substitution;

K) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a glycosylation site;

L) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a proteolytic cleavage site; and

M) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a cysteine residue.

104. (Amended) A polypeptide according to claim 103, wherein said polypeptide includes at least one additional amino acid at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.

105. (Amended) A polypeptide according to claim 104, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

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